SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0001
Model :	SEE BELOW	**Bulletin Date :**	FEB.26.1997
Buyer :	SEG, SESC, TSE, SME, SMD, SEM, SMC	**ECN # & Date :**	FEB.19.1997

SUBJECT : SV-10, Quality Improve - No power

¢° **Application Models** : SV/SP-10P,11P,12P,10G,11G,12G,10Y,11Y,12Y,10X,11X,12X

Background : No Power
(Symptom)

Cause : Before oscillating XT601, MICOM RESET operates.

Solutions : Change C647 & C648 from 30P to 15P.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
C647	2202-000811	30P	2202-000162	15P	C
C648	2202-000811	30P	2202-000162	15P	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD → Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	OLD Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0002
Model :	SV-9000T	**Bulletin Date :**	FEB.27.1997
Buyer :	SEA	**ECN # & Date :**	FEB.25.1997

SUBJECT : SV-9000, Alternative parts - EEPROM

Background : During the production of the above model, two different IC's are being utilized as shown below.

(Symptom) They are 100% interchangeable.

Therefore, two IC's can be used for replacing IC607 on the Syscon Block.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		*
	SEC Code	Description	SEC Code	Description	**I.C**
IC607	AC14-12003J	IC;KM93C46	1103-000193	IC-EEPROM;93C46	A

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD (Part) → Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	OLD (Part) Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )

Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

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SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0003
Model :	SV-S200	**Bulletin Date :**	FEB.28.1997
Buyer :	SEJ	**ECN # & Date :**	FEB.25.1998

SUBJECT : SV-S200, Quality Improve

Background : When a specific tape which has copy guard signal is played back
(Symptom) OSD fluctuate up & down.

Cause : As sync level of specific tape is small, OSD SYNC circuit detect the copy guard signal to V-SYNC.

Solutions : Change C922 from 5PF to 180PF on the OSD Block.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
C922	2203-001672	C-CERAMIC;5PF	2203-001584	C-CERAMIC;180PF	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD → Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0004
Model :	SV-A120U	**Bulletin Date :**	MAR.10.1997
Buyer :	SEA	**ECN # & Date :**	MAR.08.1997

SUBJECT : SV-A120, Quality Improve - Noise bar appeared in search mode

Background : When Search mode is activated,
(Symptom) noise bar may be appeared in low temperature.

Cause : Owing to the difference between Servo power and Syscon power.

Solutions : * Change R1S14 from 3 Kohm to 3.1 Kohm.
* Change W403 from Jumper-wire to 75 ohm.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R1S14	2004-000869	R-METAL;3KOHM,1/8W	2004-004084	R-METAL;3.1KOHM,1/8W	C
W403	3811-000389	JUMPER-WIRE	2001-000969	R-CARBON;75OHM	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD → Early (Part) / (Time) NEW → Late	OLD → Early (Part) / (Time) NEW → Late	OLD Early (Part) / (Time) NEW → Late	OLD → Early (Part) / (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0005
Model :	SV-A70U/A50U/A21U	**Bulletin Date :**	MAR.11.1997
Buyer :	SEA	**ECN # & Date :**	MAR.08.1997

SUBJECT : SV-A70, Quality Improve - W060 was deleted to improve impulse.

Background : (Symptom)

1) C-AL type was changed to improve the productivity of auto inserting line as shown below.

.

2) W060 was deleted to improve impulse.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
C309	2401-001511	C-AL;47/16,RSS	2401-001507	C-AL;47/16,SRE	B
C306	2401-001917	C-AL;1/50,RSS	2401-001915	C-AL;1/50,SRE	B
C329	2401-000907	C-AL;22/16,SA	2401-000918	C-AL;22/16,RSS	B
W060	3811-000389	JUMPER-WIRE	---	---	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD (Part) → Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	OLD (Part) Early (Time) NEW → Late	OLD (Part) → Early (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0006
Model :	SV-260X	**Bulletin Date :**	MAR.12.1997
Buyer :	SEG, AMFO	**ECN # & Date :**	MAR.08.1997

SUBJECT : SV-260, Quality Improve - To reinforce shield wire

Background : (Symptom) Lead Connector Ass'y (Loca. No.: CND100) on the Decoder Board was changed as shown below.

.

Cause : To reinforce shield wire.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
CND100	AC39-20811A	LEAD CONNECTOR ASS 1533/2547#26	AC39-20817A	LEAD CONNECTOR ASS 1533/2547#28	B E06

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD → Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	OLD Early (Part) (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

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SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0007
Model :	SV-A120FK/A140FK/A140XK/A121XK	**Bulletin Date :**	MAR.12.1997
Buyer :	SEG, SEI, SEF, SECOSA, SESAB, EDI	**ECN # & Date :**	MAR.11.1997

SUBJECT : SV-A120, Quality Improve - To improve the Canal plus S/N

Background : C820 was added on the Main Board.

(Symptom)

.

Cause : To improve the Canal plus S/N.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		*
	SEC Code	Description	SEC Code	Description	**I.C**
C820	---	---	2401-001511	C-E;47/16V	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD → Early (Part) / (Time) NEW → Late	OLD → Early (Part) / (Time) NEW → Late	OLD Early (Part) / (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0010
Model :	SV-A10G, SV-A11B	**Bulletin Date :**	MAR.26.1997
Buyer :	SEAU, SMSC, SAPL	**ECN # & Date :**	MAR.19.1997

SUBJECT : SV-A10, Improve Quality - Auto Stop problem occurs in the PB mode

Background : When PB mode is activated after SEARCH mode is activated,
(Symptom) unit goes STOP mode automatically.

Cause : Amplifier has not enough Gain margin.

Solutions : * Change R647 from 15 Kohm to 30 Kohm.
* Change C618 from 1/50 POLA to 1/50 NON POLA.

Application Date : RUNNING CHANGE

(* I.C : Interchangeability Code Type)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R647	2001-000008	R-CARBON;15KOHM	2001-000633	R-CARBON;30KOHM	C
C618	2401-001912	C-AL;1UF,50V	2401-000591	C-AL;1UF,50V	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange-ability Code (* I.C)	OLD → Early (Part) / (Time) NEW → Late	OLD → Early (Part) / (Time) NEW → Late	OLD Early (Part) / (Time) NEW → Late	OLD → Early (Part) (Time) NEW → Late	Part Addition (¡¿ ¡æ NEW)	Part deletion (OLD ¡æ ¡¿)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) P.C.B ( ) None (0)

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0012
Model :	SV-260X	**Bulletin Date :**	MAY.12.1997
Buyer :	SEG (Germany)	**ECN Date :**	MAY. 09.1997

SUBJECT : SV-260, Horizontal black line noise on the top of monitor when PB mode

Background : (Symptom) Horizontal line noise may appear on the top of monitor when color bar signal is recorded and played back at LP mode.

Cause : The response characteristic of IC3212, pin 9 (APC DET) was established slowly.

Solution :
* Change R3344 from 1 kohm to 1.5 kohm.
* Change C3352 from 4.7uF to 2.2uF.

Application Date : Running change

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R3344	2007-000468	R-CHIP;1KOHM	2007-000241	R-CHIP;1.5KOHM	C
C3352	2402-000149	C-ELEC.SMD;4.7U/25V	2402-000186	C-ELEC.SMD;2.2U/50V	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → NEW; Early (Prod.) → Late	OLD (Parts) → Early (Prod.); NEW → Late	OLD (Parts) → Late (Prod.); NEW → Early	OLD (Parts) → Early (Prod.); NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0016
Model :	SV-A10G	**Bulletin Date :**	MAY. 28. 1997
Buyer :	SMSC, SAPL	**ECN Date :**	MAY. 28. 1997

SUBJECT : SV-A10, "Pull up" resistor changing

Background : "Pull up" resistor of start sensor was modified as follows.

(Symptom)

Cause : The value of pull up resistor is different as compared with that of basic circuit.

Application Date : Running change.

(Interchangeability Code : * I.C)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R646	61048-177-333	R;33 KOHM	2001-000411	R; 18 KOHM	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0019
Model :	SV-260X	**Bulletin Date :**	JUNE. 24. 1997
Buyer :	SEG, AMFO, ATR(Swiss)	**ECN Date :**	JUNE. 24. 1997

SUBJECT : SV-260, Hi-Fi IC Change

Background : It is occurred "Sound Noise" failure when program tape is played back.
(Symptom)

Cause : It is caused by duplication of trap circuit .
Originally the IC;TA8863AF was used for IC503 as shown the schematic diagram of service manual.
If original IC503 is replaced with the IC;TA8863CF, be sure to remove the peripheral trap circuit as shown below, because trap circuit has been built in IC;TA8863CF.

Solution : In order to get rid of the problem as mentioned above, trap circuit has been deleted.

PCB CODE : AC41-10029A

Application Date : Running change.

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC503	AC14-12012X	IC;TA8863AF	AC14-10001B	IC;TA8863CF	D
L510	2701-000119	INDUCTOR-AXIAL;120U	---	---	F
L511	2701-000119	INDUCTOR-AXIAL;120U	---	---	F
C596	2203-001524	C-CERAMIC,CHIP;47PF	---	---	F
C597	2203-000363	C-CERAMIC,CHIP;150P	---	---	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0020
Model :	SV-140DV	**Bulletin Date :**	JUNE. 24. 1997
Buyer :	TSEC (CHINA)	**ECN Date :**	JUNE. 24. 1997

SUBJECT : SV-140, Hi-Fi IC Change

Background : It is occurred "Sound Noise" failure when program tape is played back.
(Symptom)

Cause : It is caused by duplication of trap circuit .
Originally the IC;TA8863AF was used for IC503 as shown the schematic diagram of service manual.
If original IC503 is replaced with the IC;TA8863CF, be sure to remove the peripheral trap circuit as shown below, because trap circuit has been built in IC;TA8863CF.

Solution : In order to get rid of the problem as mentioned above, trap circuit has been deleted.

PCB CODE : AC41-12295A

Application Date : Running change.

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		*
	SEC Code	Description	SEC Code	Description	**I.C**
IC503	AC14-12012X	IC;TA8863AF	AC14-10001B	IC;TA8863CF	D
L510	62427-020-121	COIL-PEAKING.AXIAL;1	---	---	F
L511	62427-020-121	COIL-PEAKING.AXIAL;1	---	---	F
C595	A1100-0073	C-CERAMIC,CHIP;470-J	---	---	F
C596	A1100-0041	C-CERAMIC,CHIP;181-J	---	---	F

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → NEW / Early (Prod.) → Late	OLD (Parts) → NEW / Early (Prod.) → Late	OLD (Parts) → NEW / Early (Prod.) → Late	OLD (Parts) → NEW / Early (Prod.) → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0022
Model :	SV-17DV/SV-17QV	**Bulletin Date :**	JUNE. 28. 1997
Buyer :	TSEC(CHINA)/TSE(THAILAND)	**ECN Date :**	JUNE. 24. 1997

SUBJECT : SV-17, Countermeasure for "No power"

Background : It is occurred " No power" problem during production.
(Symptom)

Cause : It is caused by the initial reset failure due to the noise increase.

Solution : Change R651 from 100 kohm to 1 kohm.

Application Date : Running change.

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
R651	2001-000273	R-CARBON; 100KOHM,1/8W	2001-000429	R-CARBON; 1KOHM,1/8W	C

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0024
Model :	SV-A10G/SV-A11B	**Bulletin Date :**	JUNE. 30. 1997
Buyer :	SEA E24	**ECN Date :**	JUNE. 26. 1997

SUBJECT : SV-A10, Micom IC and Photo-coupler change

Background : (Symptom)
1) Micom IC has been changed from "KS88C8016-17" to "KS88C8016-18". They are interchangeable.
2) Photo-coupler has been changed from "PC121FY" to "PC121F". Characteristics of above parts are same.

Cause : Demand and supply problem.

Application Date : Running change.

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC601	AC09-10453D	MICOM;KS88C8016-17	AC09-10454F	MICOM;KS88C8016-18	A
IC1S2	B4161-0019	Photo-Coupler;PC121FY	0604-000186	Photo-Coupler;PC121F	A

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0025
Model :	SV-300W	**Bulletin Date :**	JUNE. 30. 1997
Buyer :	SEA, SEDA, SECOSA, SEF, SEI SEUK, SEJ, TSE, ZAMA, Al-Andalus	**ECN Date :**	JUNE. 26. 1997

SUBJECT : SV-300, Cabinet-Top change

Background : Cabinet-top has been changed during production.

(Symptom)

Cause : The material of caninet-top was changed from PCM to PVC.

Application Date : Running change.

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
101	AC64-30104B	CABINET-TOP;PCM	AC64-30104D	CABINET-TOP;PVC	A

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ NEW)	Parts deletion (OLD ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : **Checked by :** **Approved by :**

SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	VCR	**Bulletin No. :**	97-VCR-E0029
Model :	SV-A140FK/SV-A120FK	**Bulletin Date :**	Jul. 08, 1997
Buyer :	SEF (FRANCE)	**ECN Date :**	Jun. 30, 1997

SUBJECT : SV-A140, Production change on IC601

Background : During production, the Micom IC , IC601 was changed.

(Symptom) Some circuit changes were made to accommodate the new I.C.

MICOM TYPE	OTP	1'ST MASKING	2'ND MASKING
PART NO.	--	AD09-10452V	AC09-10454D
SPEC.	--	HD6433977-RA03F	HD6433977-RA13F

If original IC602 is replaced with either a different generic or part number, be sure to complete corresponding circuit changes as shown attachment.

If you are not able to repair the corresponding circuit,we would like to supply the Assy-Main(Part-No.:AC93-10809K) as a service parts.

Replacement of the Micom I.C. and matching components is only necessary upon failure of the original I.C.

When servicing, replace Micom I.C. with final version as far as possible.

For the part informations of matching component, see attachment.

Application Date : Running Change

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Parts Addition (None ¡æ New)	Parts deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : **Serial No.** (~ from)

Published by : S.Y. LIM **Checked by** H.G. PARK **Approved by** S.K. WOO

¡ß The corresponding circuit change according to the Micom IC change ¡ß

Bulletin No: 97-VCR-E0029

NO	MICOM	P.C.Board	Location NO.	BEFORE CHANGE			AFTER CHANGE			REMARKS
				Part NO.	Description	Specification	Part NO.	Description	Specification	
1	OTP --> RA03F	MAIN	D6103	-	DIODE-SWITCHING	-	0401-000101	DIODE-SWITCHING	IN4148	ADD
		MAIN	R322	2001-000241	R-CARBON	1.5K ohm	2001-000904	R-CARBON	620 ohm	CHANGE
		MAIN	C642 ~ W40	-	-	-	2001-000273	R-CARBON	100K ohm	copper layer attach
2	OTP --> RA13F	MAIN	IC301	1204-001056	IC-SIGNAL PROCESSO	SS11501M	1204-001057	IC-SIGNAL PROCESSO	SS11511M	CHANGE
		MAIN	W482	-	-	-	3811-000389	WIRE-NO SHEATH CU		ADD
		MAIN	IC303	1209-001024	IC-DELAY LINE	SS23378M	1209-001023	IC-DELAY LINE	SS23377M	CHANGE
		MAIN	R531	2007-001626	R-CHIP,MELF	100K ohm	2007-001517	R-CHIP,MELF	3K ohm	CHANGE
		MAIN	XT302	64539-012-009	CRYSTAL	3.579545MHz	-	-	-	DELETE
		MAIN	R512	2001-000977	R-CARBON	8.2K ohm	2001-000908	R-CARBON	62K ohm	CHANGE
		MAIN	J356	2007-001641	R-CHIP,MELF	0 ohm	-	-	-	DELETE
		MAIN	R515	2001-000977	R-CARBON	8.2K ohm	2001-000908	R-CARBON	62K ohm	CHANGE
		MAIN	R334	2007-001629	R-CHIP	1.8K ohm	-	-	-	DELETE
		SUB	R4N09	2001-000290	R-CARBON	10K ohm	3811-000389	WIRE-NO SHEATH CU	JUMPER	CHANGE
		MAIN	R530	2007-001626	R-CHIP,MELF	100K ohm	2001-001517	R-CHIP,MELF	3K ohm	CHANGE
		SUB	R4L11	2001-000472	R-CARBON	2.7K ohm	2001-000958	R-CARBON	750 ohm	CHANGE
		MAIN	W295	-	-	-	3811-000389	WIRE-NO SHEATH CU	JUMPER	ADD
		SUB	R4L12	2001-000429	R-CARBON	1K ohm	2001-000577	R-CARBON	2K ohm	CHANGE
		MAIN	W289	-	-	-	3811-000389	WIRE-NO SHEATH CH	JUMPER	ADD
3	RA03F-->RA13	MAIN	IC301	1204-001056	IC-SIGNAL PROCESSO	SS11501M	1204-001057	IC-SIGNAL PROCESSO	SS11511M	CHANGE
		MAIN	R530	2007-001626	R-CHIP,MELF	100K ohm	2001-001517	R-CHIP,MELF	3K ohm	CHANGE
		MAIN	IC303	1209-001024	IC-DELAY LINE	SS23378M	1209-001023	IC-DELAY LINE	SS23377M	CHANGE
		MAIN	R531	2007-001626	R-CHIP,MELF	100K ohm	2007-001517	R-CHIP,MELF	3K ohm	CHANGE
		MAIN	XT302	64539-012-009	CRYSTAL	3.579545MHz	-	-	-	DELETE
		MAIN	R512	2001-000977	R-CARBON	8.2K ohm	2001-000908	R-CARBON	62K ohm	CHANGE
		MAIN	J356	2007-001641	R-CHIP,MELF	0 ohm	-	-	-	DELETE
		MAIN	R515	2001-000977	R-CARBON	8.2K ohm	2001-000908	R-CARBON	62K ohm	CHANGE
		MAIN	R334	2007-001629	R-CHIP	1.8K ohm	-	-	-	DELETE
		SUB	R4N09	2001-000290	R-CARBON	10K ohm	3811-000389	WIRE-NO SHEATH CU	JUMPER	CHANGE
		MAIN	W295	-	-	-	3811-000389	WIRE-NO SHEATH CU	JUMPER	ADD
		MAIN	W289	-	-	-	3811-000389	WIRE-NO SHEATH CU	JUMPER	ADD
		MAIN	W482	-	-	-	3811-000389	WIRE-NO SHEATH CU	JUMPER	ADD
		SUB	R4L11	2001-000472	R-CARBON	2.7K ohm	2001-000958	R-CARBON	750 ohm	CHANGE
		MAIN	D6103	0401-000101	DIODE-SWITCHING	1N4148	-	-	-	DELETE
		SUB	R4L12	2001-000429	R-CARBON	1K ohm	2001-000577	R-CARBON	2K ohm	CHANGE
		MAIN	C642 ~ W40	-	-	-	2001-000273	R-CARBON	100K ohm	copper layer attach
		MAIN	R322	2001-000241	R-CARBON	620 ohm	2001-000904	R-CARBON	1.5K ohm	CHANGE